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**From:** Offenberg, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0CB339DB65AE4A229317977DE01D0336-OFFENBERG, JOHN]  
**Sent:** 12/21/2017 2:47:52 PM  
**To:** Ryan, Jeff [Ryan.Jeff@epa.gov]; Strynar, Mark [strynar.mark@epa.gov]; Riedel, Theran [Riedel.Theran@epa.gov]  
**CC:** Lindstrom, Andrew [Lindstrom.Andrew@epa.gov]; Kaushik, Surender [kaushik.surender@epa.gov]; Rosati, Jacky [Rosati.Jacky@epa.gov]  
**Subject:** UPDATE: Conversation 20 Dec RE: PFC measurements in NH stack  
**Attachments:** PHCB-015\_QAPP\_PFAS\_NHDES\_FinalSigned.pdf

Jeff, Mark, & Theran,

Yesterday's conversation with NH, R1 et al., focused on updating us regarding the likelihood of Saint-Gobain proceeding with the emission control testing (pre and post control device installation plus 'regular operations from two other stacks) in January. There was no a clear "NO" and after a little inquiry, there was feedback that the engineering contractor that will perform the testing was 'OK' with adding one XAD cartridge into the MM5 set-up (but pushed back on adding two –due to additional complexity & cost?) and was 'OK' with the state of NH collecting SUMMA canisters. We (ORD) will provide the canisters. This is not yet a commitment from the Company to perform the work (nor allow access to the site by the State), however it does indicate the direction of the talks between the contractor and the company and the likely direction of talks between the company and the state. All of this was 'second hand information' from NH. I suspect that lawyers will get involved and so we will hear more on the 03 January 2018 phone call with R1, NH et al.

As our initial discussions have centered on the analysis of the MM5 liquids (and perhaps XAD both by LC/MS analysis - likely by M. Strynar), I spoke with our QA rep (NERL / EMMD), who suggested a modification to an existing QAPP (attached here). I will proceed with crafting additions to the QAPP as soon as we hear whether or not this work will proceed.

As for Summa Canister work, I will need to craft another QAPP (perhaps independent from PHCB-015, not an amendment) that focuses on 'back in the lab analysis of whole air' by a) CIMS and/or b) GC &/or GC/MS. Maybe this Canister based work should be split into two separate QAPPs(?) for whole air analyses.

John

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